

Application No.: 10/533,241

Docket No.: 564462005501

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Dated: July 21, 2006

Signature:   
(Judy Callem)

D1450-2N  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Walter CALLEN

Application No.: 10/533,241

Confirmation No.: 3119

International File Date: October 23, 2003

Art Unit: Not Yet Assigned

For: XYLOSE ISOMERASES, NUCLEIC ACIDS  
ENCODING THEM AND METHODS FOR  
MAKING AND USING THEM

Examiner: Not Yet Assigned

MS-PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**FIRST PRELIMINARY AMENDMENT**

Dear Sir:

Prior to examination on the merits, Applicant respectfully requests entry on this Preliminary Amendment for the above-captioned patent application.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 22 of this paper.